

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/US2004/027846

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C01B33/037

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; MATEL, FRANTISEK ET AL: "Purifying silicon powder for vacuum diffusions" XP002305116 retrieved from STN Database accession no. 95:28377	1,2,4-6
A	abstract -& CS 184 364 B (CZECH.) 31 August 1978 (1978-08-31) column 2, lines 12-30	3,7-11
X	US 4 612 179 A (SANJURJO ANGEL ET AL) 16 September 1986 (1986-09-16)	1
A	column 3, lines 22-28 column 4, lines 33-37	2-11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the International search

14 December 2004

Date of mailing of the International search report

18/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 897 730 A (MULLARD LTD) 30 May 1962 (1962-05-30) page 1, lines 23-46 page 2, lines 43-51 -----	1-11
A	US 6 231 826 B1 (HANAZAWA KAZUHIRO ET AL) 15 May 2001 (2001-05-15) cited in the application column 2, lines 31-47; example 2 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/US2004/027846

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